

DISTRIBUTED IDENTITY SERVER FOR USE IN
A TELECOMMUNICATION SWITCH

ABSTRACT OF THE DISCLOSURE

A controller for allocating call identity values to call
5 connections associated with a switch, wherein the switch handles
call connections between calling devices and called devices on
trunk lines associated with the switch. The controller comprises N
call application nodes for executing identity server applications
that allocate call identity values to the call connections, wherein
10 a first identity server application is executed on a first call
application node and is associated with a second identity server
applications executed on a second call application node separate
from the first call application node. The first and second
identity server applications form a load sharing group server
15 application, wherein the load sharing group server application
receives a call identity request from a new call process being
executed in the switch and selects one of the first and second
identity server applications to allocate a call identity value to
a new call connection associated with the call identity request
20 according to a load distribution algorithm.